

SPECIFICATION

MODEL NUMBER	FA-INV-48V-3500VA	
Capacity	3500VA	
	NARROW MODE	WIDE MODE
Mains undervoltage cutoff /recovery	180 V / 190 V	100 V / 110 V
Mains overvoltage cutoff /recovery	260 V / 255 V	280 V / 275 V
Battery charging voltage	180 VAC to 265 VAC	110 VAC to 280 VAC
Output voltage (no load)	220± 5 V	
Changeover time	≤ 10 mili sec	≤ 50 mili sec
BATTERY		
Quick charge current	15±2A	
Normal charge current	15±2A	
Boost charge voltage	14V/Batt	
Float charge voltage	13.6V/Batt	
Low battery cutoff point	10.4V/Batt	
Number of batteries	4 *12VDC	
Recommended battery	100 AH to 200 AH	
Charge method	Constant current ,followed by constant voltage	
Output waveform	Pure sine wave	
Output frequency (UPS mode)	50 HZ	
Efficiency	≥80%	
Operation temperature	0 to 50°C	
LCD indicators	Mains,charging,UPS,low battery, overload,Short circuit	
Audible alarm	Low battery,Overload,short circuit	
PROTECTIONS		
Overload	105% load on UPS (auto reset within 5 re-tries)	
Overcharge	Current and voltage charge controller	
Short circuit	Shut down (UPS mode),MCB trip (AC mode)	
Thermal	shut down at 93°C	
Battery reverse polarity	DC fuse on PMB will fail when battery terminals connected wrongly	
Battery deep discharge	Cutoff at 10.4V battery level	
PACKING INFORMATION		
Quantity	1 piece	
Net weight	32 kg	
Dimensions	31.0 x 29.0 x 45.0 cm	



FARBER-CHANGER™

Technology for instant change-over between power and battery and vice-versa



FARBER-CHARGER™

Quick charge / normal charge options



FARBER-TECHTORT™

Technology protects against overload



FARBER-TECHTORT™

Technology protects against reverse polarity